

Claims:

1. A non-metallic element system, comprising:
a first and second support ring having one or more tapered wedges;
a first and second expansion ring; and
a sealing member disposed between the expansion and support rings.
2. The element system of claim 1, wherein one or more of the following selected from a group consisting of the support rings and expansion rings include an epoxy blend reinforced by glass fibers stacked in layers angled at about 30 to about 70 degrees.
3. The element system of claim 1, wherein the tapered wedges extend radially and engage an inner surface of a surrounding tubular.
4. The element system of claim 3, wherein the expansion ring flows and fills a gap formed between the extended wedges.
5. The element system of claim 1, wherein the expansion ring has an outer diameter complimenting an angle of the tapered wedges.
6. A downhole tool, comprising:
a body; and
a non-metallic element system disposed about the body, wherein the element system comprises:
a first and second support ring having one or more tapered wedges;
a first and second expansion ring; and
a sealing member disposed between the expansion and support rings.
7. The tool of claim 6, wherein the non-metallic element system comprises an epoxy blend reinforced by glass fibers stacked in layers angled at about 30 to about 70 degrees.

8. The tool of claim 6, wherein the tapered wedges extend radially and engage an inner surface of a surrounding tubular.
9. The tool of claim 8, wherein the expandable ring flows and fills a gap formed between the extended wedges.
10. The tool of claim 6, wherein the expandable ring has an outer diameter complimenting an angle of the tapered wedges.
11. The tool of claim 10, wherein the tapered wedges are disposed about the outer diameter of the expandable ring.
12. The tool of claim 6, wherein the tapered wedges are angled at about 15 to about 45 degrees.
13. The tool of claim 6, wherein the outer diameter of the expandable ring is angled at about 15 to about 45 degrees.
14. The tool of claim 8, further comprising one or more slips disposed about the body, the slips having one or more serrations to engage the inner surface of the surrounding tubular.
15. A downhole tool, comprising:
 - a body; and
 - a non-metallic element system disposed about the body, wherein the element system comprises:
 - a first and second support ring having one or more tapered wedges;
 - a first and second expansion ring; and
 - a sealing member disposed between the expansion and support rings;wherein the tapered wedges expand radially and engage an inner surface of a surrounding tubular, and wherein the expandable ring flows and fills a gap formed between the expanded wedges.

16. The tool of claim 15, wherein the expandable ring has an outer diameter complimenting an angle of the tapered wedges.

17. The tool of claim 15, wherein the tapered wedges are angled at about 15 to about 45 degrees.

18. The tool of claim 15, wherein the outer surface of the expandable ring is angled at about 15 to about 45 degrees.

19. The tool of claim 16, wherein the tapered wedges are disposed about the outer diameter of the expandable ring.

20. The tool of claim 15, further comprising one or more slips disposed about the body, the slips having one or more serrations to engage the inner surface of the surrounding tubular.

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